ELSEVIER

Journal of the Neurological Sciences 134 (1995) 228–229

JOURNAL OF THE
NEUROLOGICAL
SCIENCES

Contents of Volume 134

Numbers 1,2 – December 1995

Abstracts

Abstracts of the Course on: Biological and Psychological Perspectives on Memory and Memory Disorders 1

Review article

Mitochondria, magnesium and migraine
K.M.A. Welch and N.M. Ramadan (USA) 9

Basic section

Research articles

Cerebral arterial fat embolism in the rabbit
P.A. Drew, S.C. Helps and E. Smith (Australia) 15

CNQX prevents spinal motor neuron death following sciatic nerve transection in newborn rats
Y. Iwasaki, K. Ikeda, T. Shiojima and M. Kinoshita (Japan) 21

Reactions of astrocytes and microglial cells around hematogenous metastases of the human brain. Expression of endothelin-like immunoreactivity in reactive astrocytes and activation of microglial cells
M. Zhang and Y. Olsson (Sweden) 26

Clinical section

Research articles

Incidence and effects of increased cerebral blood flow velocity after severe head injury: a transcranial Doppler ultrasound study. I. Prediction of post-traumatic vasospasm and hyperemia
Y.A. Zurynski, N.W.C. Dorsch and I. Pearson (Australia) 33

Incidence and effects of increased cerebral blood flow velocity after severe head injury: a transcranial Doppler ultrasound study. II. Effect of vasospasm and hyperemia on outcome
Y.A. Zurynski, N.W.C. Dorsch and M.R. Fearnside (Australia) 41

Electroencephalography in lacunar infarction
G.W. Petty, D.R. Labar, B.J. Fisch, T.A. Pedley, J.P. Mohr and A. Khandji (USA) 47

Superoxide dismutase and free radicals in sporadic amyotrophic lateral sclerosis: relationship to clinical data
Y. Ihara, A. Mori, T. Hayabara, M. Kawai, R. Namba, K. Nobukuni, K. Sato and M. Kibata (Japan) 51

Increased sympathetic outflow to muscles in patients with amyotrophic lateral sclerosis: a comparison with other neuromuscular patients
K. Shindo, S.-i. Tsunoda and Z. Shiozawa (Japan) 57

Mortality from motor neuron disease in Japan, 1950–1990: association with radioactive fallout from atmospheric weapons testing
S. Neilson, I. Robinson and F.C. Rose (UK) 61

Motor evoked potential changes in ischaemic stroke depend on stroke location
U.K. Misra and J. Kalita (India) 67

Parvocellular and magnocellular contributions to visual evoked potentials in humans: stimulation with chromatic and achromatic gratings and apparent motion
S. Tobimatsu, H. Tomoda and M. Kato (Japan) 73

Brain MRI findings and cognitive impairment in patients undergoing chronic hemodialysis treatment
G. Fazekas, F. Fazekas, R. Schmidt, P. Kapeller, H. Offenbacher and G.J. Krejs (Austria) 83

Visual evoked potentials N75 and P100 latencies correlate with urinary δ-aminolevulinic acid, suggesting γ-aminobutyric acid involvement in their generation
B.M. Solliway, A. Schaffer, H. Pratt, N. Mittelman and S. Yannai (Israel) 89

Diagnosis of fatal infantile defects of the mitochondrial respiratory chain: age dependence and postmortem analysis of enzyme activities
A. Majander, J. Rapola, H. Sariola, A. Suomalainen, M. Pohjavuori and H. Pihko (Finland) 95

Improvement of lesions shown on MRI and CT scan by administration of dichloroacetate in patients with Leigh syndrome
S. Kimura, H. Osaka, K. Saitou, N. Ohtuki, T. Kobayashi and A. Nezu (Japan) 103

Neurodegenerative course in ceramidase deficiency (Farber disease) correlates with the residual lysosomal ceramide turnover in cultured living patient cells
T. Levade, H.W. Moser, A.H. Fensom, K. Harzer, A.B. Moser and R. Salvayre (France, USA, UK, Germany) 108

Type II muscle fibers are stained by anti-Fas antibody
H. Yamada, M. Nakagawa, I. Higuchi, R. Ohkubo and M. Osame (Japan) 115

Autosomal dominant cerebellar ataxia deafness and narcolepsy
A. Melberg, J. Hetta, N. Dahl, I. Nennesmo, M. Bengtsson, R. Wibom, C. Grant, K.H. Gustavson and P.O. Lundberg (Sweden) 119

Ipsilateral thalamic diaschisis after middle cerebral artery infarction
J. De Reuck, D. Decoo, I. Lemahieu, K. Strijckmans, P. Goethals and G. Van Maele (Belgium) 130

Influence of age, temperature, sex, height and diazepam on vibration perception
D. Meh and M. Denišlič (Slovenia) 136

Delayed development of symptomatic improvement by (−)-deprenyl in Parkinson's disease
J. Mally, A.B. Kovacs and T.W. Stone (Hungary, UK) 143

Apolipoprotein E genotype in Spanish patients of Alzheimer's or Parkinson's disease
D. Ibarreta, T. Gómez-Isla, A. Portera-Sánchez, R. Parrilla and M.S. Ayuso (Spain) 146

Congenital hypomyelination neuropathy: decreased expression of the P2 protein in peripheral nerve with normal DNA sequence of the coding region
Y. Sawaishi, K. Hayasaka, A. Goto, K. Kawamura, S. Ishiguro, K. Sugai, I. Nonaka, K. Uyemura and G. Takada (Japan) 150

ELSEVIER

Journal of the Neurological Sciences 134 (1995) 228–229

JOURNAL OF THE
NEUROLOGICAL
SCIENCES

Contents of Volume 134

Numbers 1,2 – December 1995

Abstracts

Abstracts of the Course on: Biological and Psychological Perspectives on Memory and Memory Disorders 1

Review article

Mitochondria, magnesium and migraine
K.M.A. Welch and N.M. Ramadan (USA) 9

Basic section

Research articles

Cerebral arterial fat embolism in the rabbit
P.A. Drew, S.C. Helps and E. Smith (Australia) 15

CNQX prevents spinal motor neuron death following sciatic nerve transection in newborn rats
Y. Iwasaki, K. Ikeda, T. Shiojima and M. Kinoshita (Japan) 21

Reactions of astrocytes and microglial cells around hematogenous metastases of the human brain. Expression of endothelin-like immunoreactivity in reactive astrocytes and activation of microglial cells
M. Zhang and Y. Olsson (Sweden) 26

Clinical section

Research articles

Incidence and effects of increased cerebral blood flow velocity after severe head injury: a transcranial Doppler ultrasound study. I. Prediction of post-traumatic vasospasm and hyperemia
Y.A. Zurynski, N.W.C. Dorsch and I. Pearson (Australia) 33

Incidence and effects of increased cerebral blood flow velocity after severe head injury: a transcranial Doppler ultrasound study. II. Effect of vasospasm and hyperemia on outcome
Y.A. Zurynski, N.W.C. Dorsch and M.R. Fearnside (Australia) 41

Electroencephalography in lacunar infarction
G.W. Petty, D.R. Labar, B.J. Fisch, T.A. Pedley, J.P. Mohr and A. Khandji (USA) 47

Superoxide dismutase and free radicals in sporadic amyotrophic lateral sclerosis: relationship to clinical data
Y. Ihara, A. Mori, T. Hayabara, M. Kawai, R. Namba, K. Nobukuni, K. Sato and M. Kibata (Japan) 51

Increased sympathetic outflow to muscles in patients with amyotrophic lateral sclerosis: a comparison with other neuromuscular patients
K. Shindo, S.-i. Tsunoda and Z. Shiozawa (Japan) 57

Mortality from motor neuron disease in Japan, 1950–1990: association with radioactive fallout from atmospheric weapons testing
S. Neilson, I. Robinson and F.C. Rose (UK) 61

Motor evoked potential changes in ischaemic stroke depend on stroke location
U.K. Misra and J. Kalita (India) 67

Parvocellular and magnocellular contributions to visual evoked potentials in humans: stimulation with chromatic and achromatic gratings and apparent motion
S. Tobimatsu, H. Tomoda and M. Kato (Japan) 73

Brain MRI findings and cognitive impairment in patients undergoing chronic hemodialysis treatment
G. Fazekas, F. Fazekas, R. Schmidt, P. Kapeller, H. Offenbacher and G.J. Krejs (Austria) 83

Visual evoked potentials N75 and P100 latencies correlate with urinary δ-aminolevulinic acid, suggesting γ-aminobutyric acid involvement in their generation
B.M. Solliway, A. Schaffer, H. Pratt, N. Mittelman and S. Yannai (Israel) 89

Diagnosis of fatal infantile defects of the mitochondrial respiratory chain: age dependence and postmortem analysis of enzyme activities
A. Majander, J. Rapola, H. Sariola, A. Suomalainen, M. Pohjavuori and H. Pihko (Finland) 95

Improvement of lesions shown on MRI and CT scan by administration of dichloroacetate in patients with Leigh syndrome
S. Kimura, H. Osaka, K. Saitou, N. Ohtuki, T. Kobayashi and A. Nezu (Japan) 103

Neurodegenerative course in ceramidase deficiency (Farber disease) correlates with the residual lysosomal ceramide turnover in cultured living patient cells
T. Levade, H.W. Moser, A.H. Fensom, K. Harzer, A.B. Moser and R. Salvayre (France, USA, UK, Germany) 108

Type II muscle fibers are stained by anti-Fas antibody
H. Yamada, M. Nakagawa, I. Higuchi, R. Ohkubo and M. Osame (Japan) 115

Autosomal dominant cerebellar ataxia deafness and narcolepsy
A. Melberg, J. Hetta, N. Dahl, I. Nennesmo, M. Bengtsson, R. Wibom, C. Grant, K.H. Gustavson and P.O. Lundberg (Sweden) 119

Ipsilateral thalamic diaschisis after middle cerebral artery infarction
J. De Reuck, D. Decoo, I. Lemahieu, K. Strijckmans, P. Goethals and G. Van Maele (Belgium) 130

Influence of age, temperature, sex, height and diazepam on vibration perception
D. Meh and M. Denišlič (Slovenia) 136

Delayed development of symptomatic improvement by (−)-deprenyl in Parkinson's disease
J. Mally, A.B. Kovacs and T.W. Stone (Hungary, UK) 143

Apolipoprotein E genotype in Spanish patients of Alzheimer's or Parkinson's disease
D. Ibarreta, T. Gómez-Isla, A. Portera-Sánchez, R. Parrilla and M.S. Ayuso (Spain) 146

Congenital hypomyelination neuropathy: decreased expression of the P2 protein in peripheral nerve with normal DNA sequence of the coding region
Y. Sawaishi, K. Hayasaka, A. Goto, K. Kawamura, S. Ishiguro, K. Sugai, I. Nonaka, K. Uyemura and G. Takada (Japan) 150

A new familial disorder presenting with amyotrophic lateral sclerosis-like manifestation: a clinicopathological study
S. Ono, K. Inoue, H. Kurisaki, R. Okiyama, J. Shimizu and K. Nagao (Japan) 160

Angiographic patterns of carotid ischemic cerebrovascular disease in Saudi Arabia
S. Al Rajeh, A. Awada, R. Naufal, P. Amene, E. Larbi and T. Obeid (Saudi Arabia) 167

The effect of lead exposure on target detection and memory scanning differs
B.M. Solliway, A. Schaffer, A. Erez, N. Mittelman, H. Pratt and S. Yannai (Israel) 171

Immunological abnormality in patients with lysinuric protein intolerance
Y. Yoshida, K. Machigashira, M. Suehara, H. Arimura, T. Moritoyo, K. Nagamatsu and M. Osame (Japan) 178

On the role of human herpesvirus 6 in viral latency in nervous tissue and in cerebral lymphoma
W. Liedtke, K. Trübner and K. Schwechheimer (Germany) 184

Short reports

Corpus callosum atrophy in amyotrophic lateral sclerosis
H. Yamauchi, H. Fukuyama, Y. Ouchi, Y. Nagahama, J. Kimura, R. Asato and J. Konishi (Japan) 189

Masseter inhibitory reflex threshold: a novel technique for electrophysiological investigation of trigeminal nerve lesions
S. Haßfeld, V. Schuchardt, H. Geisler and H.-M. Meinck (Germany) 197

Fulminant Guillain-Barré syndrome with quadriplegia and total paresis of motor cranial nerves as a result of segmental demyelination
A.K.Y. Tan and M.W.L. Chee (Singapore) 203

Fibrosarcomatous metastasis the central nervous system with overt hemorrhage: case report and review of the literature
D.R. Jeffery and C.C. Ford (USA) 207

Cytomegalovirus-associated transverse myelitis in a non-immunocompromised patient
S.M. Baig and M.A. Khan (Pakistan) 210

Letters to the editor

Quantitative assessment of thermal and pain sensitivity
S. Lautenbacher (Germany) 212

Quantitative assessment of thermal and pain sensitivity. Reply to the letter by S. Lautenbacher (*J. Neurol. Sci.*, 134 (1995) 211)
D. Meh and M. Denišlič (Slovenia) 213

Spastic paraparesis and mutations in the prion protein gene
M. Yamada, S. Satoh, N. Sodeyama, H. Fujigasaki, K. Kaneko, Y. Wada, Y. Itoh and M. Matsushita (Japan) 215

Book reviews 217

Erratum

Erratum to "Ganglioside characterization of a cell line displaying motor neuron-like phenotype: GM2 as a possible major ganglioside in motor neurons" . [*J. Neurol. Sci.*, 131 (1995) 111–118]
A. Matsumoto, H. Yoshino, N. Yuki, Y. Hara, N.R. Cashman, S. Handa and T. Miyatake (Japan, Canada) 219

News and Notes 221

Author Index (Vol. 134) 223

Subject Index (Vol. 134) 226

Contents of Volume 134 228